

ABSTRACT

A tire-state obtaining apparatus operable to detect the states of tires of wheels ~~(10-18)~~ and including (a) wheel-side devices ~~(20-28)~~ each including a transmitter device (42), and (b) a body-side device ~~(30)~~ including a receiver device ~~(70, 200)~~ operable to receive tire information ~~(50)~~ from the wheel-side devices, wherein the positions of the wheels from which sets of the tire information have been transmitted are determined on the basis of the condition in which the receiver device receives the tire information. The receiver device includes a plurality of antennas ~~(80-88)~~ oriented to receive the tire information from the respective wheel-side devices, and the wheel corresponding to the antenna having the highest intensity of reception of the tire information can be determined as the wheel from which the tire information has been transmitted, so that the antennas need not be located near the respective wheels, to identify the wheels.